

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MTUS1



Numéro de catalogue: 18791-1-AP

Informations de base

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18791-1-AP

Taille:

150ul, Concentration: 200 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5605

Numéro d'acquisition GenBank:

BC033842

Identification du gène (NCBI):

57509

Nom complet:

mitochondrial tumor suppressor 1

MW calculé

51 kDa, 141 kDa

MW observés:

120 kDa, 180 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

WB : tissu de muscle squelettique humain, tissu utérin de souris

Informations générales

MTUS1, also named as ATBP, ATIP, GK1, KIAA1288 and MTSG1, Belongs to the MTUS1 family. It cooperates with AGTR2 to inhibit ERK2 activation and cell proliferation. MTUS1 may be required for AGTR2 cell surface expression. Together with PTPN6, induces UBE2V2 expression upon angiotensin-II stimulation. Isoform 1 inhibits breast cancer cell proliferation, delays the progression of mitosis by prolonging metaphase and reduces tumor growth. MTUS1 up-regulation during cellular transition from proliferation to quiescence and differentiation. It is a potential tumor suppressor gene located at chromosome 8p21.3.22, near marker D8S254. According to the functional data and intracellular localization, MTUS1 also named as mitochondrial tumor suppressor gene 1 (MTSG1). One main feature common to all ATIP members is the presence of a large C-terminal coiled-coil domain that allows homo- and hetero-dimerization of these proteins. (PMID:12692079, 15123706) The antibody can recognize all the isoforms except isoform 5 (85-90kd). The antibody tested HomoDimer isoforms (110-120/180kd) in Human skeletal muscle.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

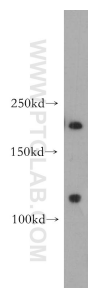
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Données de validation sélectionnées



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 18791-1-AP (MTUS1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.